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1902-03

REGISTER

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

OF

PACIFIC UNIVERSITY

1902-1903

ISSUED MAY, 1903

Thomas Arkle Clark

REGISTER

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

1902-1903

WITH ANNOUNCEMENTS FOR

1903-1904

FOREST GROVE, OREGON

PORTLAND, OREGON:
MANN & BEACH, PRINTERS, 92 SECOND STREET

SCHOOL-YEAR CALENDAR

1903

SEPTEMBER.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..

OCTOBER.

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1904

JANUARY..

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FEBRUARY.

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MAY.

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JUNE.

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CALENDAR.

1903.

Sept.	16	Wednesday	Fall Term begins at 10 A. M.
Sept.	18	Friday	College Reception.
Oct.	14	Wednesday	Founders' Day.
Nov.	26	Thursday	Thanksgiving Recess.
Nov.	27	Friday	
Dec.	23	Wednesday	The Fall Term ends.
Dec.	24	Thursday	Christmas Recess.
Jan.	4	Monday	

1904.

Jan.	5	Tuesday	Winter Term begins at 10 A. M.
Jan.	8	Friday	College Reception.
Feb.	7	Sunday	Day of Prayer for Colleges.
Feb.	22	Monday	Washington's Birthday and Tree-Planting Exercises.
March	18	Friday	The Winter Term ends.
March	19	Saturday	Spring Recess.
March	22	Tuesday	
March	23	Wednesday	Spring Term begins at 10 A. M.
March	25	Friday	College Reception.
May	2	Monday	Field Day.
May	30	Monday	Memorial Day.
June	10	Friday	Junior Exhibition.
June	11	Saturday	Anniversary of the Conservatory of Music.
June	12	Sunday	Baccalaureate Sermon.
			Address before the College Christian Associations.
June	13	Monday	Address before the Literary Societies.
June	14	Tuesday	Closing Exercises of Tualatin Academy.
			Anniversary of the Alumni.
June	15	Wednesday	Commencement Exercises.
Sept.	21	Wednesday	Fall Term begins at 10 A. M.

TRUSTEES.

DEAN WILLIAM N. FERRIN, ex-officio, Forest Grove.

	Term expires.
NAPOLEON DAVIS, A. M., Portland	1903
REV. MYRON EELLS, D. D., Twana, Washington	1903
A. T. GILBERT, S. Pasadena, Cal	1904
HON. H. H. NORTHUP, Portland	1904
* REV. A. W. ACKERMAN, D. D., Portland	1905
REV. CEPHAS F. CLAPP, Forest Grove	1905
L. H. ANDREWS, Oregon City	1906
† HON. H. W. CORBETT, Portland	1906
STEPHEN A. LOWELL, Pendleton	1906
HON. ALANSON HINMAN, Forest Grove	1907
FRANK M. WARREN, Portland	1907
HARVEY W. SCOTT, Portland	1907
MILTON W. SMITH, Portland	1908
NEWTON McCOY, Portland	1908

OFFICERS OF THE BOARD.

HON. A. HINMAN	President
NAPOLEON DAVIS	Secretary
REV. MYRON EELLS, D. D.	Assistant Secretary
F. M. WARREN	Treasurer
R. H. BLOSSOM	Assistant Treasurer
W. T. FLETCHER	Financial Secretary

FINANCE COMMITTEE.

FRANK M. WARREN, Chairman,
MILTON W. SMITH, Secretary,
HON. H. H. NORTHUP,
NAPOLEON DAVIS,
DEAN W. N. FERRIN.

COMMITTEE ON TEACHERS.

DEAN W. N. FERRIN,
MILTON W. SMITH,
NAPOLEON DAVIS.

* Resigned, March, 1903.
† Obit., April 1, 1903.

Since this Register was issued by vote of the Trustees

DEAN FERRIN

has been elected President of the University

Professor of Greek and Latin and Instructor in Logic.

JAMES ROOD ROBERTSON,
A. B., Beloit College, 1886; A. M., University of Michigan, 1891; University of Chicago, 1895.
Professor of History and Political Science.

REV. HENRY LIBERTY BATES,
A. B., Oberlin, 1876; A. M., 1880. B. D., Oberlin Theological Seminary, 1881.
Principal of the Academy and Acting Professor of Mental and Moral Science.

MARY FRANCES FARNHAM,
Graduate of Mt. Holyoke and Student at Radcliffe.
Dean of Women and Professor of English Language and Literature.

CHARLES EDWARD BRADLEY,
B. S., Pacific University, 1897; M. S., 1900. Student Chicago University, 1901.
Professor of Chemistry.

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*The Faculty is arranged in the order of their appointment, except the Acting President.

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FRANK M. WARREN, Portland 1907
HARVEY W. SCOTT, Portland 1907
MILTON W. SMITH, Portland.....1908
NEWTON McCOY, Portland.....1908

OFFICERS OF THE BOARD.

HON. A. HINMAN ..... President
NAPOLEON DAVIS ..... Secretary
REV. MYRON EELLS, D. D. .....Assistant Secretary
F. M. WARREN ..... Treasurer
R. H. BLOSSOM .....Assistant Treasurer
W. T. FLETCHER .....Financial Secretary

FINANCE COMMITTEE.

FRANK M. WARREN, Chairman,
MILTON W. SMITH, Secretary,
HON. H. H. NORTHUP,
NAPOLEON DAVIS,
DEAN W. N. FERRIN.

COMMITTEE ON TEACHERS.

DEAN W. N. FERRIN,
MILTON W. SMITH,
NAPOLEON DAVIS.

* Resigned, March, 1903.
† Obit., April 1, 1903.

FACULTY AND OFFICERS.*

WILLIAM NELSON FERRIN,
A. B., University of Vermont, 1875; A. M., 1878. LL. D., University of Vermont, 1902.

Dean of the Faculty and Acting President, and Vermont Professor of Mathematics.

JOSEPH WALKER MARSH,
A. B., University of Vermont, 1857; A. M., 1860. A. M., Bishop's College, Canada. Ph. D., T. A. and P. U., 1883.

Professor of Greek and Latin and Instructor in Logic.

JAMES ROOD ROBERTSON,
A. B., Beloit College, 1886; A. M., University of Michigan, 1891; University of Chicago, 1895.

Professor of History and Political Science.

REV. HENRY LIBERTY BATES,
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CHARLES EDWARD BRADLEY,
B. S., Pacific University, 1897; M. S., 1900. Student Chicago University, 1901.

Professor of Chemistry.

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LOUIS BACH, A. M.,
Student Strassburg, Germany, 1873-75; Basel, Switzerland, 1875-80.
Professor of Modern Languages.

WILLIAM THOMAS FLETCHER,
B. S., Pacific University, 1900.
Instructor in Mathematics and Latin.

*MRS. JOHN FRANK RAILEY,
Instructor in Vocal Music.

GEORGE ELLETT COGHILL,
A. B., Brown University, 1896. Sc. M., University of New Mexico, 1899. Ph. D., Brown University, 1902.
Professor of Biology.

HENRY DICKINSON SMITH,
A. B., Beloit College, 1902. Student Chicago University, 1902.
Instructor in Public Speaking and English.

*MARY HOPE CHASE,
Oberlin Conservatory, 1888-91 and 1896.
Instructor in Pianoforte, Organ and Theory.

*ANNIE ENGLISH,
Instructor in Violin.

JESSIE LANCEFIELD,
A. B., Pacific University, 1900.
Instructor in Academy.

FRANK THOMAS CHAPMAN.
Graduate American Conservatory, 1893; Student of Murdough, Jacobson, Listeman, Tividar Nachez.
Director of the Conservatory and Instructor in Piano and Violin.

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*To June 17, 1903.

PAULINE MILLER CHAPMAN,
Graduate Chicago Conservatory; Student of Max Heinrich, Signor Marescalchi.
Instructor in Vocal Music.

JOHN M. GARRISON,
Instructor in Penmanship.

HERBERT HAYES ARNSTON,
Instructor in Stenography and Typewriting.

HIRAM EDWIN WILSON,
Physical Instructor.

PROFESSOR MARSH,
Librarian.

PROFESSOR ROBERTSON,
Registrar.

MR. FLETCHER,
Clerk of the Faculty.

OLIVIA A. HASKELL,
Matron Herrick Hall.

FORMER PRESIDENTS.

SIDNEY HARPER MARSH, D. D. 1854-1879
JOHN R. HERRICK, S. T. D. 1880-1883
JACOB FRANK ELLIS, D. D. 1883-1891
THOMAS McCLELLAND, D. D. 1891-1900

STANDING COMMITTEES.

LIBRARY AND READING ROOM,

Professors Marsh, Bates and Robertson.

ATHLETICS,

Prof. Bradley, Prin. Bates, Mr. Smith, Messrs. Day, Vrooman, E. Baker, McKenzie, A. Gilbert, and Wilson.

CLASSIFICATION OF STUDENTS.

Professors Robertson, Farnham and Bradley.

COURSES OF STUDY.

Professors Marsh, Bates, Robertson, Bach and Coghill.

LECTURES.

Professors Ferrin, Farnham and Mr. Fletcher.

SCHEDULE OF RECITATIONS.

Professors Robertson and Bates.

PUBLICATIONS.

Professors Robertson, Farnham and Mr. Fletcher.

DISCIPLINE.

Professors Ferrin, Bates, Farnham, Bradley and Robertson.

GENERAL INFORMATION.

HISTORY.

Pacific University owes its origin to missionary activity. In 1842 Rev. Harvey Clark came to Oregon as an independent missionary to the Indians, and located at West Tualatin, now Forest Grove. The idea of an institution of learning early took possession of his mind and was partially realized in the establishment of a school near the site of the present college building, under the patronage of Mr. Clark and the direction of Mrs. Tabitha Brown.

In 1848 Rev. George H. Atkinson, D. D., came to Oregon as the representative of the American Missionary Society for the Northwest. Being urged, upon his departure for the West, by Rev. Theron Baldwin, Secretary of the American College and Education Society, to build in Oregon "an academy which should grow into a college," he cherished the idea, and upon his arrival early sought to carry it into effect.

In the accomplishment of this purpose he was most heartily supported by Mr. Clark. Acting together, they called a meeting of the Congregational and Presbyterian churches at Oregon City, on September 4, 1848. At this meeting it was decided to establish an academy with collegiate powers, and a Board of Trustees was chosen. On September 29, 1849, "a seminary of learning for the instruction of both sexes in science and literature, to be called Tualatin Academy," from the Indian name of the river and plain, was incorporated. Mr. Clark was first President of the Board of Trustees, in which capacity he served until his death, and Dr. Atkinson was elected first Secretary, a position which he held for forty years. Hon. A. Hinman, of Forest Grove, President of the Board of Trustees, is the only member of the original Board of Trustees serving today. The late Hon. Henry Failing

acted as a member of the Board and Treasurer from 1870 until his death. The late Henry W. Corbett was Trustee from 1858 until his death in 1903, and served as Treasurer from 1861 to 1865.

Through the gift of Mr. Clark and others a campus was secured and land for the site of a village as the basis of an endowment. An old log schoolhouse served the purpose for recitations until the first building was begun in 1850. In 1852 Dr. Atkinson made a journey East in the interest of the institution and secured the endorsement of the American College and Education Society.

The services of a teacher were guaranteed by the Education Society, and Rev. S. H. Marsh, a student in Union Theological Seminary, was secured. Coming from a prominent line of educators in Vermont University, he brought to his work high standards, and upon his arrival the scope of the work was enlarged. In January, 1854, new articles of incorporation were granted, and a collegiate department called Pacific University was added to Tualatin Academy.

Through three successive efforts of Dr. Marsh the endowment was increased. The following names taken from a list of early contributors are an indication of the patronage through which the institution was established: S. F. B. Morse, inventor of the telegraph, and S. E. Morse, his brother; William E. Dodge, Ezra Farnsworth, Henry Ward Beecher, Timothy Dwight, D. W. James, Vice-President of American Board; Frederick and Mrs. Billings, A. S. Hatch, Edward Everett, S. D. Warren, Dr. E. N. Kirk, David Whitcomb, John Tappan, A. S. Barnes, P. L. Moen, C. P. Huntington.

The necessity of a faculty for the collegiate department soon became apparent, and among those who came at various times as associates to Dr. Marsh were Rev. Horace Lyman, E. A. Tanner, late President of Illinois College; G. H. Collier, Joseph W. Marsh, A. J. Anderson,

ex-President of Washington University and Whitman College; Thomas Condon, of the Oregon State University; W. N. Ferrin and W. D. Lyman.

On the death of Dr. Marsh in 1879, Rev. John R. Herrick was chosen President, and the building now bearing his name was constructed as a dormitory for young women, during his administration. In 1883, Rev. J. F. Ellis, D. D., was elected President, and in 1891 Rev. Thos. McClelland, D. D. Since 1891 the college building bearing the name of Marsh Hall has been erected, the number of the faculty increased, the scope of the work enlarged and the endowment increased by the gift of $50,000 from Dr. D. K. Pearsons, and $100,000 from Dr. E. H. Williams, J. H. Converse, H. W. Corbett, Henry Failing and a large number of others.

AIMS.

Tualatin Academy and Pacific University was founded in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not entirely dependent for its support upon the tuition paid by its students, and consequently the mere number of students in attendance is not regarded as all-important, the Faculty is able to maintain thorough standards of scholarship in all grades of study.

LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of 1,200 inhabitants. It is situated on the Southern Pacific Railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The college has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location, healthful climate and well-deserved reputation for general good order make Forest Grove a suitable home for students.

BUILDINGS.

The buildings are situated on a campus of thirty acres, covered in part with a growth of native oaks and spruce, and commanding a fine view of the surrounding mountains.

MARSH MEMORIAL HALL. This building, raised in commemoration of ex-President Sidney Harper Marsh, is constructed of brick with stone trimmings. The dimensons are 142x70 feet. There are thirteen recitation rooms, a reception room, office, literary society and Christian Association rooms, art room and library. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat 800 people. The building is well lighted and ventilated, and is heated throughout by hot water.

THE SCIENCE HALL. The Science Hall, which is the original college building, affords a lecture room and separate laboratories for chemistry, biology and physics. During the present year the interior of the building has been repaired and considerably improved.

HERRICK HALL. This four-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and also affords table board for a number of young men.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing. The upper floors are provided with fire escapes.

Each suite of rooms, consisting of study and sleeping room with large closet, is intended for two occupants. The rooms are heated, and furnished with carpet, study table, stand, mirrors, chairs, woven-wire bed with mattress, electric lights, and toilet set. Occupants will be expected to

provide themselves with towels, napkins, pillows, and other necessary bedding.

The hall is conducted so as to afford a well-regulated Christian home for young women coming from out of town.

Academy Building. The building known as the Academy has been, through the kindness of a friend in New York, remodeled and furnished at an expense of about $5,000, and offers a considerable addition to the accommodations.

Men's Dormitory. Young men may obtain rooms at the men's Dormitory. These rooms are supplied with woven-wire bed, washstand, table, chairs and stove. Occupants are expected to provide all other necessary furnishings, including mattress and bedding. The rates for the present year will be found under the head of "expenses."

Gymnasium. The gymnasium affords opportunity for athletic exercises, and is open to students under proper restrictions.

APPARATUS AND COLLECTIONS.

The laboratories of chemistry, physics and biology have the usual equipment for laboratory work in these sciences as well as some apparatus of a more special character, and are well furnished with gas and electricity.

The Mathematical Department is supplied with a valuable set of engineering instruments. Through the kindness of friends at the East a fine stereopticon has been provided for the use of the institution.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geological times and their fauna and flora. An excellent series

of ores and other minerals is also accessible to the students for investigation.

An herbarium of over 2,000 species (mostly from this region), belonging to the College, constitutes the collection of plants accessible for study.

The Oregon World's Fair exhibit of native plants, consisting of 480 species, has been deposited in the College Museum.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the Government, are received daily and displayed by the University.

Contributions to the Library and Museum are solicited, and may be sent to any member of the Faculty.

LIBRARY AND READING ROOM.

The College Library now numbers about 12,500 volumes, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is quite well supplied. During the year 1902-03 about 600 volumes have been added, by gift, purchase and binding.

The Library is a public depository of Government publications, which are available for reference to the public free of charge. The general library may be used by alumni of the College for a fee of $3.00 per year, and by others for $5.00 per year.

The Reading Room, which is supplied with a well-selected list of leading magazines and periodicals, including religious and secular newspapers of different denominations and parties, is open to all students.

LECTURES AND ADDRESSES.

September 17, "Opening Day," Napoleon Davis; October 15, "Founders' Day," Hon. W. N. Barrett; December 10, "Light and Shadows of the Spanish War," Rev. E. L. House; January 14, "Four Years as U. S. Consul at Valparaiso," Hon. J. F. Caples; February 4, "War Songs of the South," Hon. W. H. Thompson; February 8, "Day of Prayer for Colleges," Pres. Edwin McGrew; April 8, "Characteristics of English Schools and Universities," Prin. C. A. Newill; April 15, "A Bunch of College Studies, Football, Debating and Oratory," Napoleon Davis (under auspices of Gamma Sigma Society); May 5, "Truths to be Emphasized in Our Day," Rev. Amory H. Bradford.

LITERARY SOCIETIES.

There are three student societies in the institution—the Gamma Sigma and Alpha Zeta for men, and the Philomathean for women. Membership in them is voluntary. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained. Suitable rooms have been provided for the societies in Marsh Memorial Hall. Students participate in oratorical contests and intercollegiate debates.

PHYSICAL TRAINING.

The gymnasium will be thrown open free to all students during certain hours daily. Permits, however, must be obtained from the officer in charge. Exercise in the open air and athletic sports are encouraged, and spacious grounds on the College campus afford excellent opportunities for this kind of physical culture. A well-equipped bowling alley is maintained in the basement of Marsh Hall. A four-lap running track is located on the College athletic field. Athletics is under the charge of a com-

mittee consisting of three members of the Faculty and six from the Student Body. Gymnasium facilities have been open to young women and basket-ball teams maintained during the past year.

REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well-disposed, or who are too wayward for home restraint. To such as are earnest, it affords the advantages of a quiet and orderly community with all the opportunities of study and mental development afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor students at the end of each term. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rule of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

A detailed pamphlet of regulations will be given to each student upon entrance and furnished to all patrons upon request.

CLASS STANDING.

In determining the average term standing, the average daily standing will count two-thirds, and the final examination one-third. Every student whose average daily

standing in any study is above 95, will be excused from examination in such study at the end of the term.

WOMEN.

Young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies they recite together. All the young women of the institution are under the supervision of the Dean of Women.

RELIGIOUS EXERCISES.

The institution aims to give its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church services on Sunday morning. The churches of the town represent the following denominations: Congregational, Disciples, Methodist and Free Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students, and prayer-meetings occur every Tuesday evening, to which all the students are invited. The work of these societies is very helpful in determining the Christian character of the institution. A room in Marsh Hall has been suitably furnished for the use of the Christian societies. A handbook is published each year and may be had by applying to the Presidents of the Associations.

EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each term, and charges for rooms and board in College buildings in advance at the beginning of each half-term, to the financial Secretary.

College Tuition, per term.....$15.00
Academy Tuition, per term..... 10.00

Each student pays an incidental fee of one dollar and fifty cents per term, to be used for library, reading room and gymnasium.

A fee of fifty cents, to be paid to the Financial Secretary, will be charged for any special or extra examinations, and a receipt therefor must be presented at time of examination.

Laboratory fees in chemistry are:

Course 1, per term.....$2.50
Course 2, a half year..... 5.00
Course 3, a half year..... 5.00

The fees in Elective Courses will be adjusted according to credits earned. Breakage is to be paid for in addition.

For college studies in the Department of Biology there is a fee of $1.50 per term for each course consisting of four hours per week or $2.00 for each course of six hours.

The charge for one study (five hours per week) is one-half the regular rate of tuition. For more than one study, full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases in which they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term will be paid back.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treas-

urer's receipt for his term bills, or a certificate showing that satisfactory adjustment of them has been made.

It is estimated that the average necessary expenses for a college year range from a minimum of $135 to a maximum of $250.

BOARD AND ROOMS.

HERRICK HALL. The price of room rent and board, including heat and light, is, for the present, from $3.00 to $4.00 per week for each occupant, according to the location and furnishing of rooms. Table board for young men, $2.50.

MEN'S DORMITORY. The price of room rent is 20 cents per week for each occupant, exclusive of lights and fuel. The rooms are arranged for two occupants. Good board may be obtained on the club plan at actual cost, which during the past year has averaged about $1.75 per week.

Rooms and board may be obtained in private families in the town.

STUDENTS' AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education need fail in the attempt.

Through a bequest of $10,000 by Mr. Charles Atkinson, of Moline, Ill., the Atkinson Scholarship Fund has been established. There is also a Benedict Scholarship Fund of over $2,000. The income received from these funds is applied to assist worthy students whose circumstances require it. Any one who indulges in the use of tobacco or has any other expensive habit will be debarred

from such aid. Application for aid must be made each term to the President. Sons and daughters of missionaries in actual service are admitted upon payment of one half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

PRIZES.

Prizes to the amount of $50.00 have been offered during the past year by Mr. William H. Tibbals, of Salt Lake City, for excellence in public speaking, and two prizes of $25.00 each by Hon. H. W. Corbett for excellence in Declamation and Calculus.

SCHOLARSHIPS.

A scholarship, consisting of tuition for one year, will be given to the student attaining the highest rank in the graduating class in any of the schools in the accredited list.

CORPORATE NAME.

The corporate name of this institution is "The President and Trustees of Tualatin Academy and Pacific University."

THE COLLEGE.

TERMS OF ADMISSION.

Candidates for admission must be at least fifteen years of age. A proportionate increase in age is required to enter advanced classes.

The course given in Tualatin Academy or its equivalent is required for entrance to College. For further information, see pp. 47-56.

ACCREDITED SCHOOLS.

Graduates of any schools having a course of study equivalent to that of Tualatin Academy and which has been approved by the Faculty, after personal visitation or examination of the course of study, will, when recommended by the principal of the school for admission to any college course, be admitted without examination. Schools may be accredited for partial fitting, and students will be required to pass examinations only in such subjects as are not credited in the entrance requirements.

The following schools have been placed upon the accredited list for full or partial credit :

Portland Academy, Portland High School, Astoria High School, Tacoma High School, Tacoma Academy, Puget Sound Academy, Weiser Academy, Pendleton High School, Pendleton Academy, Heppner High School, Oregon City High School, Vancouver High School, The Dalles High School, La Grande High School, Roseburg High School, Baker City High School.

Schools which desire to have their pupils thus admitted are requested to send to the Secretary of the Faculty their courses of study.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

COURSES OF STUDY.

FOR BACHELOR OF ARTS.

Candidates for the degree of Bachelor of Arts, after pursuing a required course in Greek, Latin, Mathematics, History, English, and the introductory study of the sciences through the Freshman and Sophomore years, are allowed to elect a certain number of their studies. Certain studies are still required of all alike through the course, and each student is required so to choose from the electives as to bring his total work up to a prescribed number of exercises per week. The subjects are offered in most cases in such a way as to furnish continuous courses of study in each department. See list of electives below.

FOR BACHELOR OF SCIENCE.

Candidates for the degree of Bachelor of Science will pursue the same courses, required and elective, as candidates for the degree of Bachelor of Arts, except that the place of Greek will be taken by Analytical Geometry, Calculus and Advanced work in Chemistry and Biology.

FOR BACHELOR OF LETTERS.

The course leading to the degree of Bachelor of Letters is a four years' course, and is designed for those who do not desire to pursue the study of Greek, Higher Mathematics or Advanced Science. The other required work and the elective courses are the same as for the degree of Bachelor of Arts, except that Music may be substituted for part of the elective work.

The fee for diploma is $5.00, payable in advance.

FOR MASTER OF ARTS, SCIENCE AND LETTERS.

The Master's Degree in course may be conferred upon the following classes of students:

1. Graduates of this or any approved institution of learning of equal rank, who have received the corresponding Bachelor's Degree, and who have taken one year's ap-

proved resident graduate study, equal in amount to a full year in college—pursued in at least two departments—and who have passed a satisfactory examination in each subject and presented a satisfactory thesis.

2. Graduates of this University who have completed a course of at least two years' professional study at an approved institution of learning and have presented a satisfactory thesis.

3. Graduates of this University who have completed two years of non-resident graduate study other than professional in at least two branches, under the direction of the Faculty, and who have passed an examination in each subject and presented a satisfactory thesis.

4. Graduates of this University who, after graduation have spent three years in successfully teaching the higher branches in a classical or scientific institution of approved standing, and have furnished satisfactory evidence of special work in some line of advanced or professional study and who have presented a satisfactory thesis.

The fee for diploma is $5.00, and in case of resident study, the tuition shall be the same as that required of undergraduates.

SPECIAL STUDENTS.

In the arrangement of the courses the established fact is recognized that fixed schemes of study must be maintained in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

OUTLINE OF COLLEGE COURSES.

FRESHMAN YEAR.

FALL.		WINTER.		SPRING.	
Classical	Credits		Credits		Credits
Livy	5	Tacitus	5	Horace	5
Algebra	5	Trigonometry	5	Engineering or Amer. Lit.	5
Herodotus	5	Homer	5	Thucydides	5
Rhetoric	2	Rhetoric	2	Rhetoric	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1
Scientific	Credits		Credits		Credits
Livy or German or French	5	Tacitus or German or French	5	Horace or German or French	5
Algebra	5	Trigonometry	5	Engineering	5
Biology or Chemistry	3	Biology or Chemistry	3	Biology or Chemistry	3
English Lit.	2	English Lit.	2	English Lit.	2
Rhetoric	2	Rhetoric	2	Rhetoric	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1
Literary	Credits		Credits		Credits
Livy or German or French	5	Tacitus or German or French	5	Horace or German or French	5
Algebra	5	Trigonometry	5	American Lit.	5
History (1)	3	History (2)	3	History (2)	3
English Lit.	2	English Lit.	2	English Lit.	2
Rhetoric	2	Rhetoric	2	Rhetoric	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1

SOPHOMORE YEAR.

FALL.		WINTER.		SPRING.	
Classical	Credits		Credits		Credits
Chemistry	3	Biology and Chemistry	6	Biology	3
Sophocles	5	Quintilian	3	Plato	3
Cicero	2			History (2)	3
History (1)	3	History (2)	3	English Lit.	2
English Lit.	2	English Lit.	2	Terence	3
Theme Writing	2	Theme Writing	2	Theme Writing	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1
Scientific	Credits		Credits		Credits
Biology and Chemistry	6	Biology and Chemistry	6	Biology and Chemistry	6
German	4	German	4	German	4
Analytical Geometry	5	Calculus	5	Calculus	5
Theme Writing	2	Theme Writing	2	Theme Writing	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1
Literary	Credits		Credits		Credits
Chemistry	3	Biology and Chemistry	6	Biology and Chemistry	6
English History	3	English History	3	English History	3
Aesthetics	3	Aesthetics	3		
English Lit.	5	English Lit.	5	English Lit.	5
Theme Writing	2	Theme Writing	2	Theme Writing	2
English Novel	2				
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1

JUNIOR YEAR.

FALL.		WINTER.		SPRING.	
Classical	Credits		Credits		Credits
Mechanics	5	Physics	5	Astronomy	5
German	5	German	5	German	5
Elective	5	Elective	5	Elective	5
Public Speaking	2	Public Speaking	2	Public Speaking	2
Biblical Literature	1	Biblical Literature	1	Biblical Literature	1
Scientific	Credits		Credits		Credits
Mechanics	5	Physics	5	Astronomy	5
History (1)	3	History (2)	3	History (2)	3
Elective	8	Elective	8	Elective	8
Public Speaking	2	Public Speaking	2	Public Speaking	2
Biblical Literature	1	Biblical Literature	1	Biblical Literature	1
Literary	Credits		Credits		Credits
German	5	German	5	German	5
General Lit.	3	General Lit.	3	General Lit.	3
Elective	5	Elective	5	Elective	5
Public Speaking	2	Public Speaking	2	Public Speaking	2
Biblical Literature	1	Biblical Literature	1	Biblical Literature	1

SENIOR YEAR.

FALL.		WINTER.		SPRING.	
Classical	Credits		Credits		Credits
Economics (1)	3	Economics (1)	3	Ethics	5
Psychology	3	Psychology	3	Geology	5
Logic	4	Evidences	4	Elective	5
Elective	5	Elective	5	Rhetoricals	1
Rhetoricals	1	Rhetoricals	1	Biblical Literature	1
Biblical Literature	1	Biblical Literature	1		
Scientific	Credits		Credits		Credits
Economics (1)	3	Economics (1)	3	Ethics	5
Psychology	3	Psychology	3	Geology	5
Logic	4	Evidences	4	Elective	5
Elective	5	Elective	5	Rhetoricals	1
Rhetoricals	1	Rhetoricals	1	Biblical Literature	1
Biblical Literature	1	Biblical Literature	1		
Literary	Credits		Credits		Credits
Economics (1)	3	Economics (1)	3	Ethics	5
Psychology	3	Psychology	3	Geology	5
Logic	4	Evidences	4	Elective	5
Elective	5	Elective	5	Rhetoricals	1
Rhetoricals	1	Rhetoricals	1	Biblical Literature	1
Biblical Literature	1	Biblical Literature	1		

ELECTIVES.

Students in the last two years in college are required to elect from the courses offered so as to bring their total work up to at least seventeen credits per week. A detailed description of the courses will be found under the respective departments on the following pages.

It is assumed that the choice of electives will be made with reference to some clear, deliberate plan, and as a result of consultation with the President. In all cases the natural sequence of studies must be observed. The Faculty reserves the right to exclude a student from any elective for which his previous studies have not prepared him. It is generally desirable that subjects be elected to run through the entire year. In every case, an elective course extending over more than a term must be pursued for the full time.

The Faculty reserves the right to withdraw any elective if it be not chosen by a sufficient number of students to constitute a class.

An exercise generally occupies an hour, except in the case of Analytical Chemistry and Biology, when it occupies from two to three hours in the Laboratory. The course in French, although coming five times per week, will count as a four-credit elective.

Music may be substituted for Elective work in the Literary course, in amount and under conditions to be prescribed by the Faculty. For details, see Department of Music.

DEPARTMENTS AND METHODS OF INSTRUCTION.

PHILOSOPHY.

PRINCIPAL BATES, PROFESSOR MARSH.

PRINCIPAL BATES.

PSYCHOLOGY. The principles of this subject are taught by means of text-book and informal lectures. Text-book, James. Essays are required upon appointed themes, and a course of selected reading is marked out and required. Senior required course. *Three credits during the Fall and Winter terms.*

PHILOSOPHY. This course consists of reading and discussions on special topics relating to the development of the philosophy of Europe during the seventeenth century. Senior elective course. *Two credits during the Spring term.*

EVIDENCES OF CHRISTIANITY. This subject is taught by text-book, due consideration being paid to the current phases of thought. Wright: *Logic of Christian Evidences.* Fisher: *Manual of Christian Evidences.* Senior required course. *Four credits during the Winter term.*

ETHICS. In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life. Hopkins: *Law of Love and Love as a Law.* Fairchild: *Moral Science.* Senior required course. *Five credits during the Spring term.*

PROFESSOR MARSH.

LOGIC. Jevons' Logic as recast by Hill is the text-book used in this course. Frequent exercises in the application of the principles of the science are assigned to the

class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Senior required course. *Four credits during Fall term.*

HISTORY AND POLITICAL SCIENCE.

PROFESSOR ROBERTSON.

HISTORY.

1. MEDIAEVAL HISTORY. Text-book, informal lectures, collateral reading and reports. Required in all courses. Must be preceded by at least two years of study in History. *Three credits during Fall term.*

Books: Thacher, Adams, Emerton, Bryce, Henderson's Documents.

2. MODERN HISTORY. Text-book, informal lectures, collateral reading and reports and discussions. Required in all courses. Must be preceded by at least two years of study in History. *Three credits during the Winter and Spring terms.*

(a) Reformation Period. Winter term.

(b) Absolutism, Revolution and Reconstruction. Spring term.

Books used: Schwill, Lodge, Hausser, Epochs, Fyffe, Original Sources and larger works on special subjects.

3. ENGLISH HISTORY. Text-book, informal lectures, collateral reading and reports. Required in Literary course; elective in others. *Three credits during the year.*

(a) Roman Occupation to Tudors. Fall term.

(b) Tudors to English Revolution. Winter term.

(c) English Revolution to present time. Spring term.

Books used: Coman & Kendall, Gardiner, Green, Smith, Bright and larger works on special subjects.

4. POLITICAL HISTORY OF THE UNITED STATES. Text-book, informal lectures, collateral readings and reports.

A study of the political history of the United States from the Formation of the Union through the period of Reconstruction. Elective in all courses. *Three credits during the year.*

Books used: Hart, Wilson, Schouler, Von Holtz, McMaster, Hart's Contemporaries, Government publications and others.

5. EUROPE SINCE 1814. Text-book, informal lectures, collateral readings, reports and discussions.

Special emphasis on movements of social reform, economic changes, constitutional questions, nationalization, colonization, etc. *Two credits per week during the year.* This course is an intensive study of a period, and the period will be changed from time to time.

POLITICAL SCIENCE.

1. ECONOMICS. Text-book, informal lectures, collateral reading. Required in all courses. *Three credits for two terms.*

(a) Study of principles. Fall term.

(b) Study of some of the leading economic problems, with special emphasis on Money and Banking. Winter term.

Books used: Bullock, Walker, Hadley, Marshall, Cairnes, Dunbar, Laughlin, Ely and others.

2. PUBLIC FINANCE. Text-book, informal lectures and collateral reading. Elective in all courses. *Three credits for Spring term.*

Books used: Adams, Bastable, Seligman.

3. SOCIOLOGY. Text-book, informal lectures, collateral reading and reports. Elective in all courses. *Two credits during the year.*

(a) Study of Theory of Society. Fall term.

(b) Statistical Sociology. Winter term.

(c) Problems and Remedies. Spring term.

Books used: Giddings, Vincent & Small, Wright, Spencer, Mayo, Smith and others.

4. CIVICS. Text-book, informal lectures, collateral reading. Elective in all courses. *Two credits during the year.*

Study of development of national government and leading types as found in England, Germany, France, Switzerland, Austro-Hungary and the United States.

Books used: Wilson, Burgess, Macey, Bryce and others.

5. INTERNATIONAL LAW. Text-book, informal lectures, collateral reading and reports. Study of most important principles and application to cases. Elective in all courses. *Two credits during the year.*

Books used: Lawrence, Woolsey, Maine, Wharton and others.

LATIN AND GREEK.

PROFESSOR MARSH.

LIVY. Book I. Besides the history of the period special attention is here paid to Roman antiquities. Required for Classical course. Optional for other courses in Freshman year. *Five credits during the Fall term.*

TACITUS. Germania and Agricola. Required for Classical course. Optional for other courses in Freshman year. *Five credits during the Winter term.*

HORACE. Selected Odes and Satires, Ars Poetica. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. Required for the Classical course. Optional for other courses in Freshman year. *Five credits during the Spring term.*

TERENCE. Andria. Required for Sophomores in the Classical course. *Three credits for the Spring term.*

QUINTILIAN. Selections from De Institutione Oratoria are read, which present some of the leading principles of Rhetoric. Required for Sophomores in the Classical course. *Three credits for the Winter term.*

CICERO. Selections from De Oratore or De Officiis. Required for Sophomores in Classical course. *Two credits for Fall term.* De Amicitia, De Senectute, De Oratore or De Officiis. Elective course. *Two credits throughout the year.*

GREEK AND LATIN TESTAMENTS. Those in the Classical course use the Greek text and those in other courses use the Latin. In alternate years selections will be read from the Gospel or Acts, and from the Epistles. *One credit through the Freshman and Sophomore years.*

HERODOTUS. Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. Required for Freshmen in the Classical course. *Five credits during the Fall term.*

HOMER. Two or more books of the Iliad. Required for Freshmen in the Classical course. *Five credits during the Winter term.*

THUCYDIDES. Selections. Required for Freshmen in the Classical course. *Five credits during the Spring term.*

SOPHOCLES. Antigone or Electra. The study of the Greek drama is taken up by lectures and collateral readings. Required for Sophomores in the Classical course. *Five credits during the Fall term.*

PLATO. Apology and Crito. Required for Sophomores in the Classical course. *Three credits during the Spring term.*

PLATO II. A farther study of Plato's writings and of Greek Philosophy than is possible in the required course is undertaken in this course, which is elective for Juniors and Seniors. *Three credits during the Winter term.*

AESCHYLUS. Prometheus Bound. Elective for Juniors and Seniors. *Three credits during the Fall term.*

DEMOSTHENES. De Corona. Elective for Juniors and Seniors. *Three credits during the Spring term.*

MODERN LANGUAGES.

PROFESSOR BACH.

The aim of this department is to give the students an opportunity for as comprehensive a study of German, French and Spanish, as they may desire for any educational or practical purposes.

GERMAN.

1. ELEMENTARY COURSE. Grammar, composition, reading, translating, conversation, memorizing of simple selections. The aim is to give the student a practical knowledge of elementary German grammar, ability to read with ease, to pronounce correctly, to understand spoken German, to converse on simple topics, and to translate easy English into good German. Text-book, Joynes-Meissner. Required in all courses. If courses 1 and 2 are taken course 1 is optional with Latin. *Five credits throughout the year.*

2. INTERMEDIATE COURSE. A review of elementary and a study of more advanced grammar. Syntax. Order of words in connected discourse. Constant practice in composition. Reproduction of easy stories read by the teacher. Letter writing. Reading from authors such as Freytag, Riehl, Heyse, Heine, and Schiller. Memorizing of selected passages. Conversation on the basis of the various texts. Elective in Classical course. Required in Scientific and Literary course if course 1 is taken in place of Latin. *Five credits throughout the year.*

3. Advanced courses in Literature, Literary Biography, Historical and Scientific Texts, will gradually be added.

FRENCH.

1. ELEMENTARY COURSE. Grammar, composition, reading, translating, conversation, memorizing of easy selections. The aim is proficiency in elementary grammar, a good pronunciation, ability to read easy prose at sight, to understand, to write and to speak simple French. Text-book, *Fraser & Squair.* Optional in Scientific and Literary courses. Elective in Classical. *Five credits throughout the year.*

2. INTERMEDIATE COURSE. Review of elementary and study of more advanced grammar. Syntax. Composition. Letter Writing. Reproduction of easy stories read by teacher. Reading of authors such as George Sand, Malot, Daudet, Merimee, Racine, Corneille, Moliere, Scribe, Augier, Hugo. Memorizing of selected passages. Constant conversation on texts. Elective in all courses.

3. An Advanced course in Literature, in works on History, Philosophy and Science will be added in the near future.

SPANISH.

This language has become especially valuable as a

medium of communication with the newly acquired territory of the United States.

1. ELEMENTARY COURSE. Grammar, oral and written exercises, reading, translating, conversation. The aim is to enable the student to make use of the language for practical purposes. Elective in all courses.

2. An Advanced course will be added when demanded.

ENGLISH LITERATURE AND LANGUAGE.

PROFESSOR FARNHAM, MR. SMITH.

PROFESSOR FARNHAM.

A. LITERATURE. The different courses in Literature aim not only to give the student a general acquaintance with works of the best writers in relation to the life and thought of their time, but also to develop an appreciation of good reading and to cultivate a literary style. To acquire independence of thought and ease of expression frequent reports, both oral and written, are presented. In addition to the courses described, other electives will be offered as the requirements of the work may demand.

1. HISTORY OF ENGLISH LITERATURE. In this course emphasis is laid upon the great creative periods of English Literature by means of lectures, collateral readings and reports. The text-book recommended is W. E. Simonds: *A Student's History of English Literature.* Sophomores in the Classical course and Freshman in the other courses. *Two credits throughout the year.*

2. AMERICAN LITERATURE. This course gives a brief survey of Colonial and Revolutiontary periods, followed by a more critical study of representative writers both in poetry and prose during the National Era. The course is conducted by means of lectures, readings from the authors and written reports. Freshman course, required of students in the Literary course, optional with engin-

eering for students in the Classical course. *Five credits for Spring term.*

3. GREAT MASTERS OF ENGLISH POETRY. The object of this course is to give students an acquaintance with the life and work of three of the great English poets, with their relation to literary history. Elective. *Two credits each term.*

(a) Chaucer. Fall term.

(b) Spenser. Winter term.

(c) Milton. Spring term.

Globe edition of each poet.

4. THE ENGLISH DRAMA. This course consists of a preliminary study of the early drama in England, a critical study of representative plays of Shakespeare, and when time permits a comparative study of the later drama. The selection of plays will be changed from year to year. Elective. *Three credits throughout the year.*

Books used: Edward Dowden: *Shakespeare Primer,* The *Temple Shakespeare,* and *The Dramatists.*

5. NINETEENTH CENTURY AUTHORS. The aim of the entire course is to obtain a conception of the intellectual and imaginative development of each writer by a study of his work in relation to his environment and nineteenth-century history. Lectures and collateral readings with weekly reports. Each student during the term is expected to make a critical study of an author, embodying the results in a paper to be presented before the class. Elective. *Two credits throughout the year.*

(a) Poets of the French Revolution and the Romantic Revolt. Fall term.

(b) The Poets of the Victorian Era. Winter term.

(c) The Essayists and the Critics. Spring term.

(Not to be given in 1903-1904.)

6. GENERAL LITERATURE. This course consists of a study of Oriental and European Literatures through English translations. Representative works are studied in relation to the age and country in which each selection was produced. Among the works studied in 1902-1903 were the Book of Job, The Divina Commedia, The Odyssey, and Faust. Juniors in the Literary course. Elective in other courses. *Three credits throughout the year.*

7. THE ENGLISH NOVEL. This course is designed to give a brief outline of the art of fiction, and more especially to enable the student to discriminate the best works of English and American story writers. Sophomores in the Literary course. *Two credits for Fall term.*

Reference book: Bliss Perry: *A Study of Prose Fiction.*

8. AESTHETICS. That students may have an opportunity to become familiar with different forms of expression by their correlation through Literature a course in Aesthetics is offered with special reference to the Fine Arts and their interpretation. Lectures, readings, and study of representative forms by the aid of photographs and prints. The Library of the University contains a constantly increasing number of books which are helpful in this course. Sophomores in the Literary course. Elective in other courses. *Three credits Fall and Winter terms.*

B. LANGUAGE. Several courses in English Composition are required of all students, and they are so graded that a symmetrical line of development in the writing of English prose may be followed from year to year. The aim in all these courses is to acquire the art of clear and forceful expression of thoughts related to the affairs of life, to cultivate a style that is sincere and natural, and to gain an appreciation of the best Literature.

2. DAILY THEMES. This course presupposes a knowledge of the principles of Rhetoric, or an equivalent, of Course 1. Daily themes on the basis of the paragraph; occasional long themes; lectures; criticisms of themes in class; and individual conferences. The subjects during the Fall term will be connected with daily affairs; in the Winter with lines of study, or personal investigation; in the Spring short editorials on matters of the day. It is the aim to adapt this course to the demands of daily life and to the special needs of journalistic work.

Barrett Wendell: *English Composition.* Sophomore required course. *Two credits throughout the year.*

MR. SMITH.

1. RHETORIC. The principles of Rhetoric are taught by careful study of the text-book and by the use of illustrative selections from standard writers. Facility of composition is acquired by writing frequent short themes on familiar subjects. By this means the student develops the ability to put in practice the principles of composition learned in text-book study. Occasional lectures and discussions of themes by the class further enable the student to deal with various problems of literary style. Method in thought, with ease and vigor of expression, are the especial objects toward which the theme is directed.

The text-books required are Genung: *Practical Rhetoric, and Handbook of Rhetorical Analysis.* Required of all Freshmen. *Two credits per week during the year.*

PUBLIC SPEAKING.

MR. SMITH.

EXTEMPORANEOUS SPEAKING. One hour a week is given to discussions of the principles of public speaking. The other hour is devoted to practice in extemporaneous speeches and debates. The students are allowed a short time to prepare upon subjcts posted by the instructor,

upon which they then make brief extemporaneous speeches in class. For the theory of public speaking students are referred to Ringwalt: *Modern American Oratory;* Alden: *The Art of Debate;* and Sears: *The Occasional Address.* Required of all Juniors. *Two credits throughout the Junior year.* Not given in 1903-1904.

ORATIONS. This course consists in training in the writing and delivery of orations to be given in public. Each student is trained to express original thought in conformity to the principles of oratorical style and structure. Simplicity, sincerity and dignity in delivery are developed by individual instruction before each public appearance. Required of Juniors and Seniors. During the Spring term Seniors are required to write orations, which they deliver at Commencement; the Juniors will prepare for the Junior exhibition, consisting of the presentation of a play by some recognized author. In 1902 a rendition in English of the Iphigenia at Aulis of Euripides was given. *One credit for two years.*

VOCAL EXPRESSION AND DELIVERY. This course consists in special training in delivery for each speaker. Masterpieces of oratory are memorized and delivered in class, also original speeches and orations by the students themselves. Each student speaks before the class every week. The aim is to secure clearness of utterance and correctness of interpretation combined with vigor and ease of manner. Elective to all college students. *One credit during the Fall term.*

PURE AND APPLIED MATHEMATICS.

PROFESSOR FERRIN, MR. FLETCHER.

MR. FLETCHER.

HIGHER ALGEBRA. Beginning with a rapid review of Quadratics, the work in this subject is carried as far

as the capacity of the class will permit. Freshman required course. *Five credits during the Fall term.*

TRIGONOMETRY, PLANE AND SPHERICAL. Due attention is paid in this course to the practical applications of Trigonometry in Plane Surveying, Navigation and Astronomy. Freshman required course. *Five credits during the Winter term.*

ENGINEERING. This course consists largely of field work and is designed to teach the practical use of the various engineering instruments. Practice is had in measuring and computing farm areas with the compass and chain; in the use of the Level instrument in determining the contour lines of some of the streets of the town; in the use of the Engineer's Transit in laying out railroad curves, etc. Attention is given also to the plotting of areas and lines. Required for Freshmen in the Scientific course. Optional with American Literature for Freshmen in the Classical course. *Five credits during the Spring term.*

PROFESSOR FERRIN.

ANALYTICAL GEOMETRY. Required for Sophomores in the Scientific course. Elective for other students. *Five credits during the first half year.*

CALCULUS. The infinitesimal method is used in the treatment of this subject. Required in Scientific course. Elective for other students. *Five credits per week during the last half of the Winter term and five credits during the Spring term.* Advanced elective work is also offered for Junior Scientific students.

MECHANICS. Carhart: *Physics.* Junior required course. *Five credits per week during the Fall term.*

PHYSICS. This course consists of a mathematical treatment of the different branches of Physics, the work being supplemented by lectures and the use of illustrative

apparatus. Carhart: *Physics.* Junior required course. *Five credits during the Winter term.*

ASTRONOMY. Special attention is given to establishing the mathematical principles of the science and to teaching the methods of computation in most general use in practical Astronomy. Olmsted: *Revised College Astronomy.* Junior required course. *Five credits during the Spring term.*

CHEMISTRY AND GEOLOGY.

PROFESSOR BRADLEY.

CHEMISTRY.

1. GENERAL CHEMISTRY. An introductory course in which the principles of the science are studied and its practical application emphasized. The work consists of two lectures and four laboratory hours per week throughout the Freshman year. *Three credits per term.* The text-book used is Dennis & Clarke's.

2. QUALITATIVE ANALYSIS. This course consists of a systematic study of the principal metals and acids and methods of detecting them in simple and complex mixtures. During the course students are required to make practical analyses of ores, mineral waters, etc. Quizzes and lectures on the metals and theory of solutions supplement the laboratory work. Two lectures and four laboratory hours during the first half of the Sophomore year. *Three credits per term.*

3. QUANTITATIVE ANALYSIS. The estimation of the metals in their salts and ores by Gravimetric and Volumetric methods. Complete analyses of inorganic compounds that have been prepared in the laboratory. Six hours laboratory work per week during the second half of the Sophomore year. *Three credits per term.*

ELECTIVE COURSES.

Courses 1, 2, 3 are prerequisite for any of the following:

4. ORGANIC CHEMISTRY. The preparation of organic compounds in the laboratory. Lectures on the compounds of Carbon and their synthetic relations. *Three to ten credits.*

5. INORGANIC PREPARATIONS. The preparation of pure inorganic salts for laboratory stock, from commercial products, ores, etc. *Three to ten credits.*

6. ASSAYING. Fire assays of gold, silver and lead. Volumetric determination of copper and lead. *Five to ten credits.*

7. ADVANCED ANALYTICAL CHEMISTRY. A continuation of Course 3. Special work in the anaylsis of waters, minerals and industrial products. *Five to ten credits.*

8. ORGANIC ANALYSIS. The analysis of foods, agricultural products, etc. Determination of carbon, hydrogen and nitrogen by combustion. *Five to ten credits.* Follows Course 4.

9. PHYSIOLOGICAL CHEMISTRY. Qualitative examination of digestive juices and animal secretions. Urine analysis. *Five credits.*

GEOLOGY.

GEOLOGY. The work in Geology consists of a thorough study of Leconte's Elements as a basis. In connection with this, important fossil types and methods for determining the common minerals are studied in the laboratory. Field trips are taken and special attention is given to geological reports on Pacific Coast and Northwest areas. *Five credits.*

BIOLOGY.

PROFESSOR COGHILL.

1. ZOOLOGY. A comparative study of representative types of the Invertebrata. One recitation and four hours' laboratory work. *Three credits for first term.*

2. ZOOLOGY AND PHYSIOLOGY. A comparative study of the Vertebrata, with considerable attention given to the principles of physiology of the group. One hour recitation and four hours' laboratory work. *Three credits for second term.*

3. BOTANY AND THEORETICAL BIOLOGY. A study of the structure and taxonomy of spermatophytes supplemented with an historical and critical consideration of some of the more prominent biological theories. One lecture and four hours' laboratory work. *Three credits for third term.*

4. THE VERTEBRATE SKELETON. A laboratory course upon the comparative anatomy of the skeleton of vertebrates. Prerequisite, 1 and 2 or equivalent. Six hours' attendance. *Three credits for first term.*

5, 6. COMPARATIVE ANATOMY OF VERTEBRATES. A laboratory course in the dissection of vertebrates, with required reading in Wiedersheim & Parker's *"Comparative Anatomy of Vertebrates."* Prerequisite, 4. Six hours' attendance. *Three credits for second and third terms.*

7. HISTOLOGY. Practice in fixing, sectioning, staining and mounting tissues for microscopical study, with lectures on cytology. Prerequisite, 1 and 2 or equivalent. Six hours' attendance. *Three credits for first term.*

8, 9. HISTOLOGY AND PHYSIOLOGY. The technique of 7 continued, with lectures on secretion, digestion, nutrition, absorption, circulation and respiration, with special reference to the histology of the organs. Prerequisite, 7.

Six hours' attendance. *Three credits for second and third terms.*

10, 11, 12. EMBRYOLOGY. A study of the germ cell, its maturation and fertilization; the cleavage of the egg and the development of the various organs in the vertebrate embryo, with observations on the embryos of the frog and chick. Prerequisite, 1 and 2 or equivalent. Six hours' attendance. *Three credits for first, second and third terms.*

(NOTE.—Courses 10, 11 and 12 will not be offered in 1903-04. They alternate with Courses 13, 14 and 15.)

13. NEUROLOGY. The nervous system of fishes and Amphibia. Lectures and laboratory work on the structure of the neurone, the histogenesis of the nervous system and the topography of the central and peripheral systems. Prerequisite, 1 and 2 or equivalent. Six hours' attendance. *Three credits for first term.*

14. NEUROLOGY. The nervous system of mammals. Lectures and laboratory work on the peripheral nerves and the topography and histology of the brain and spinal cord. Prerequisite, 1 and 2 or equivalent. Six hours' attendance. *Three credits for second term.*

15. NEUROLOGY. The structure and physiology of the sense organs, with special reference to those of man, and the arrangement of the better known central neurone systems. Prerequisite, 1 and 2 or equivalent. Six hours' attendance. *Three credits for third term.*

(NOTE.—Courses 13, 14 and 15 are given alternate years. They will be offered in 1903-04.)

16. BACTERIOLOGY. Laboratory practice in preparing and sterilizing media, and in the isolation and study of pure cultures of bacteria. Only students who have had considerable practice in the laboratory technique of both chemistry and biology will be admitted to this course.

Time and credits may be arranged by consultation with the instructor.

17. BIOLOGICAL RESEARCH. Students who have had sufficient training in biological work are permitted to pursue a definite line of research. Suitable credits will be given upon presentation of a thesis embodying results of this work.

THE ACADEMY.

The Academy is under the immediate charge of the Principal and his Assistants. The college Faculty has general direction regarding the course of study and discipline.

PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the Classical, Scientific and Literary courses of the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be open to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper, the student must be able to pass a satisfactory examination in the Sub-preparatory studies. For admission to advanced standing, the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered, or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

SUB-PREPARATORY STUDIES.

Classes in the following studies are formed for students not yet fitted for the regular Academy courses:

Written Arithmetic, Mental Arithmetic, Grammar, Geography, Reading, Physiology, Book-Keeping, United States History, Bible.

REPORTS.

A record of the work of each student is kept, and at the close of each term a report is sent to the parent or guardian.

ACCREDITED SCHOOLS.

Hood River Grammar School, Hillsboro Grammar

School, Forest Grove Grammar School, Mitchell Grammar School, Joseph Grammar School, Union Grammar School, Goldendale Grammar School, North Yamhill Grammar and High Schools, Park Place Grammar School.

Schools which desire to have their pupils thus admitted are requested to send to the Principal of the Academy their courses of study. All certificates should, if possible, be sent before Commencement.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

EXAMINATIONS.

Examinations are held in each subject at the end of each term, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one term.

STUDY HOURS.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 8:45 a. m. to 12 m.; from 1 to 4 p. m. and from 7:30 to 9 p. m. After May 1, and on Saturdays throughout the year, from 8 to 9 p. m. During these hours and after 9 p. m., students are expected to be in their rooms unless at school exercises or especially excused.

CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to corresponding courses in college.

For information concerning expenses and regulations, see pp. 16-17.

OUTLINE OF COURSES.

ACADEMY.

FIRST YEAR.

FALL.		WINTER.		SPRING.	
Classical Scientific Literary	Credits		Credits		Credits
Latin	5	Latin	5	Latin	5
English	5	English	5	English	5
History	5	History	5	Arithmetic Review	5
Bible	1	Bible	1	Bible	1

SECOND YEAR.

FALL.		WINTER.		SPRING.	
Classical Scientific Literary	Credits		Credits		Credits
Viri Romae	4	Caesar	4	Caesar	4
Algebra	5	Algebra	5	Algebra	5
English	2	English	2	English	2
History	4	History	4	History	4
Mechanical Drawing	1	Mechanical Drawing	1	Mechanical Drawing	1
Bible	1	Bible	1	Bible	1

THIRD YEAR.

FALL.		WINTER.		SPRING.	
Classical	Credits		Credits		Credits
Cicero	5	Cicero	5	Cicero	5
Greek	5	Greek	5	Greek	5
Plane Geometry	5	Plane Geometry	5	Solid Geometry	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1
Scientific	Credits		Credits		Credits
Cicero	5	Cicero	5	Cicero	5
English	5	English	5	Astronomy	5
Plane Geometry	5	Plane Geometry	5	Solid Geometry	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1
Literary	Credits		Credits		Credits
Cicero	5	Cicero	5	Cicero	5
English	5	English	5	Astronomy	5
Plane Geometry	5	Plane Geometry	5	Solid Geometry	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1

FOURTH YEAR.

FALL.		WINTER.		SPRING.	
Classical	Credits		Credits		Credits
Ovid	4	Vergil	4	Vergil	4
Anabasis	5	Anabasis	5	Anabasis	5
English	2	English	2	Algebra Review	2
Physics	5	Physics	5	Botany	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1
Literary Scientific	Credits		Credits		Credits
Ovid	4	Vergil	4	Vergil	4
French or German	5	French or German	5	French or German	5
English	2	English	2	Algebra Review	2
Physics	5	Physics	5	Botany	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1

Notes—1. Spelling will be required when necessary.
—2. Chemistry, 3 credits, and English, 2 credits, may by special permission be substituted for Physics and Botany in the Literary and Scientific Cources.

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

LATIN AND GREEK. The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading Viri Romae, four books of Caesar, six orations of Cicero, three books of Vergil's Aeneid and four books of Xenophon's Anabasis, accompanied by more advanced work in Grammar and Prose Composition. During the last two terms of the course, special attention is given to Greek and Roman Literature.

Text-books: Scudder: *First Latin Reader;* Allen & Greenough: *Latin Grammar;* Kelsey: *Caesar and Cicero;* any good edition of Vergil; Allen & Greenough: *Ovid;* Goodwin: *Greek Grammar;* White: *First Greek Book;* Botta: *Handbook of Universal Literature;* Bullfinch: *Age of Fable.*

FRENCH. French is optional with German for Scientific and Literary courses in the fourth year. For further information, see p. 35.

MATHEMATICS. Three terms in the second year are given to the study of Algebra. The work of the first term is to fractions; of the second to involution; and of the third to theory of quadratics. A review is given in Spring term of fourth year.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text-books: Wells: *Academic Algebra;* Chauvenet: *Plane and Solid Geometry.*

ENGLISH. The work of the first year in the Academy is directed to the study of words and the general structure of the language, as well as the simple elements of Rhet-

oric. Two or three selections from American authors are read carefully in class, such as Evangeline, Snow-Bound, and The Great Stone Face. In addition to this, the student is required to pass an examination each term upon a book by some recognized author assigned for reading outside of the class. In 1902-1903 the term-readings were Hughes: *Tom Brown at Rugby;* Hawthorne: *The Wonder-Book;* and Stevenson: *Treasure Island.* Practical work in Composition is required in the form of frequent short themes and letters. One hour each week is given to rhetorical drill, selections from masterpieces of oratory being memorized and delivered by the students. *Five credits throughout the year.*

Text-book: *Lockwood's Lessons in English.*

The work of the second year is a careful study of long selections from the works of standard authors. During the year 1902-1903 the class read Scott: *Lay of the Last Minstrel;* Shakespeare: *Merchant of Venice;* and Arnold: *Sohrab and Rustum.* Composition work is carried on by means of occasional themes on subjects connected with the readings. Selections are memorized and recited in the class, parts of the works studied are read aloud, and each student is required to prepare and present one declamation before the class. *Two credits throughout the year.*

In the third year for the Scientific and Literary courses five hours a week are given to the study of English during the Fall and Winter terms. One hour, as in the other courses, will be given to Rhetoricals, one hour to simple reading aloud from standard selections, and three hours to the study of English poetry in Syle's *From Milton to Tennyson,* with a play of Shakespeare in the Winter term. Compositions will be written on subjects suggested by the literary study.

In the fourth year two hours of English work are required in the Fall and Winter terms for all courses, with

one hour of Rhetoricals throughout the year. The work consists of the study and practice of English Composition as laid down in Hill's *Beginnings of Rhetoric and Composition.* In the Spring term the class make an intensive study of some literary work as a preparation for the programme of "Academy Day" in Commencement week.

RHETORICAL WORK. This course covers the four years of Academy study and is required of every student. The work during the first and second years is carried on in connection with the work in English. All members of the third and fourth year classes are required to learn and present declamations before the class in Rhetoricals and before the Academy. Books for outside reading are assigned to the class in Rhetoricals, and each member of the class is required to write an essay, during the year, upon some subject connected with the term readings. *One credit throughout the year.*

PHYSIOLOGY. Elementary course. One term in sub-preparatory year. *Five credits.*

PHYSICS. A practical laboratory course, illustrating the elementary principles. Fall and Winter terms of fourth year. Fee, $2.00. *Five credits.*

ASTRONOMY. Elementary course. Spring term of third year.

Text-book: *Todd's New Astronomy. Five credits.*

BOTANY. Elementary course. Spring term of fourth year. Recitations two hours. Laboratory, six hours.

Text-book: *Coulter's Plant Structure.* Laboratory fee, 50 cents. *Five credits.*

HISTORY. Greek and Roman History are taught during the Fall and Winter terms of the first year. General European History from the fall of the Roman Empire during the second year.

Text-books: Adams: *European History;* Myer & Allen: *Ancient History.*

COMMON ENGLISH BRANCHES. During the Sub-preparatory year, thorough training is given in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling, United States History.

BOOKKEEPING is taught as a special study. It is given to meet the wants of pupils who need this study, and at the same time wish a more thorough general education than can be secured at a business college.

Text-book: Williams & Rogers: *Office Routine and Bookkeeping.*

SHORTHAND AND TYPEWRITING. Shorthand and typewriting have been taught throughout the past year, and the demand for these subjects justifies, we believe, a continuance of the work. While we do not advertise a regular business course, yet the shorthand, typewriting and bookkeeping now offered, together with some of the sub-preparatory studies, such as Grammar, Arithmetic and Spelling, provide a practical business course. Students who wish to make business training their chief aim may thus serve their purpose and at the same time enjoy the privileges and benefits of attendance at the University. Those who wish the business branches may also elect studies in the College or Academy courses; and one or more of the business subjects may be taken, upon payment of the special fee, by those pursuing a regular course.

The tuition for either stenography or typewriting is $5.00 per term. If both are taken together the tuition is $7.50 per term, including use of the machine.

BIBLICAL HISTORY. The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The work of

the Sub-preparatory and first year begins with the study of Genesis and extends through the First Book of Samuel.

Second year begins with the First Book of Kings and extends through Nehemiah, with portions of the Prophets

Third Year, the Life of Christ, as contained in the Four Gospels, with supplementary topics.

Fourth Year, the Founding of the Christian Church and the Life of Paul, as contained in the Acts of the Apostles and the Epistles.

CONSERVATORY OF MUSIC.

*MISS CHASE, MRS. RALEY, MISS ENGLISH.

The Conservatory of Music, as one of the departments of the University, is under the same general management as other departments. But beginning with the year 1903-04 the Conservatory will be under the special oversight of the Director who will have the direct supervision of all the work done in the Conservatory.

Competent instructors afford exceptional opportunities for study in all branches of vocal and instrumental music, and at very reasonable cost.

The purpose of this school is to provide superior facilities for the study of music in its elementary and higher branches, practical and theoretical. The course of study is planned with regard to the thorough and symmetrical development of the musical faculty. It includes Counterpoint, Analysis and Music History, and provides for the acquirement of a high degree of proficiency in Piano-forte and Singing.

The regular course of study covers four years in instrumental and three years in vocal music, and diplomas are awarded by the Trustees of the University to students who have satisfactorily completed the course.

Students sufficiently advanced to pass examination in the work of the first and second years may begin in the course with the third year.

All candidates for graduation must pursue in the school the studies of the third and fourth years.

Candidates for graduation must have completed a course of academic study equivalent to that of Tualatin Academy, and are also required to take a selected course of College studies, incuding one year of Latin or Mathematics, and one year each of English Literature and German.

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*Mr. and Mrs. Chapman after June 17, 1903.

Students in the College are allowed to choose Music as an elective study in the Literary course, provided they devote to it not less than six hours a week of practice, and elect Theory as part of their music work for at least one year, the total amount elected not to exceed in credit five hours a week for one year.

PIANO. Two lessons a week with two hours' daily practice entitle the student to four credits.

THEORY. Two exercises a week, two credits.

PUBLIC RECITALS by the students are given frequently throughout the year. Private class recitals, in which all pupils take part, occur as often as practicable.

No pupils are received for less than an entire term, or such portion of it as remains after entrance.

Tuition for the term must be paid in advance, and no deduction will be made for absences unless by special arrangement.

TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (Piano or Organ or Violin), per term of 24 lessons (one-half hour each)	$15 00
Private Vocal Lessons, per term of 24 lessons (one-half hour each)	15 00
Harmony, per term	5 00
Sight Reading	3 00
Analysis Class	1 50
Rent of Piano for two hours' practice per day, per month	1 00

Pupils may make special arrangements with the Instructor for hours of piano practice.

COURSES OF STUDY.

THE PIANO-FORTE.

PREPARATORY.

Kohler's Method.

Arpeggios, Scales, Selected Czerny Studies, Heller's Etudes, Bach's Sonatinas, Clementi, Kuhlau, Haydn, Mozart. Easy pieces.

ACADEMIC.

Etudes, Czerny; "Gradus," Clementi; Studies, Taussig; Sonatas, Beethoven; Concert Works, Mendelssohn, Schumann; Well-tempered Clavichord, Bach; Concert Works, Chopin, Grieg, Rubinstein, St. Saens, MacDowell, etc.

COLLEGIATE.

Op. 10 and 25, Chopin; Octave Studies, Czerny; Studies in Double Thirds, Taussig; Concertos and Concert Works, Chopin, Schumann, Beethoven, Liszt, Rubenstein, St. Saens, Schutt, Grieg, etc.

VIOLIN.

PREPARATORY.

David or Hermann's Violin method.

Daily Exercises, Schradieck; Etudes, Kayzer, Mazas. Easy pieces by Daucla, J. Weiss, Papini, Hauser, etc.

ACADEMIC.

David's Method, second part.

Etudes, Kreutzer; Daily Exercises, Schradieck; Studies in Thirds, Sixths, Octaves; Etudes; Fiorillo; Concertos and Concert Pieces by DeBeriot, Kreutzer, Rode, Alard, Vieuxtemps, Wieniawski, etc.

COLLEGIATE.

Caprices, Rode; Studies, Paganini; Sonatas, Concertos and Concert Pieces by Paganini, Mendelssohn, Beethoven, Bach, Spohr, Bazzini, Wieniawski, Sarasate, etc.

VOICE CULTURE.

In this department special attention is given to a natural and skillful management of the breath, and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern; Ballads, Thoroughly Composed German Songs and selections from Oratorio and Opera.

FIRST YEAR.

Voice development, Principles of breathing.

Voice placing, sight singing (if necessary).

Exercises by Abt, Sieber, English songs.

First year of Piano-forte course (a) (b).

SECOND YEAR.

Vocalises by Vaccai, Marchesi, Italian pronunciation, Italian and English songs.

Harmony, three terms, chorus class.

THIRD YEAR.

Advanced vocalises.

Italian, English, French and German songs.

Concert, Oratorio, and Opera Arias.

THEORY OF MUSIC.

The work may be outlined as follows:

NOTATION. The Theory of Rhythm and Tonality, Principles of simple chord construction.

HARMONY. Principles of Four-Part Composition; modulations and harmonic accompaniments to selected and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to an original cantus firmus.

HISTORY.

It is the aim in this course to study the outlines of musical progress from the time of the most ancient civilization to the present.

A course of supplementary reading in connection with this study is arranged for music students, and programs illustrating the different periods and styles of musical composition are given by the teachers.

COLLEGE STUDENTS.

1902-1903.

GRADUATE.

Akiyama, Setsunosuke,	Economics, English,	Imabari, Japan
Millis, Harold Burr, B. S.,	Economics,	Portland
Smith, Henry Dickinson, A. B.,	German,	Forest Grove
Yoder, Arthur Elias, B. S.,	Biology,	Forest Grove

SENIORS.

Bailey, Mary	L	Forest Grove
Day, Fred	C	Forest Grove
Emmel, Victor Emmanuel	S	Scholls
Hale, William Green	S	Hillsboro
Hare, William Gilman	L	Hillsboro
Vrooman, Frederick Elmo	S	Hillsboro

JUNIORS.

Dye, Emery Charles	S	Oregon City
Robinson, Thomas	C	Hillsboro
Yoder, Harriet Jane	C	Forest Grove
Williams, Clark Haines	L	Oregon City

SOPHOMORES.

Dye, Trafton Micklewaite	S	Oregon City
Markham, Melvin Wilson	S	Forest Grove
Peters, Richard Frank	S	Hillsboro
Peters, Lottie Sara	L	Hillsboro
Patton, Joseph Jesse	L	Gaston
Philbrook, John Watson	S	Sylvan, Wn.
Thomas, Horace Estes	L	Forest Grove
Waters, Ethel Ada	L	Forest Grove

FRESHMEN.

Barnet, Montrose Lanier	S	S. Pasadena, Cal.
Belknap, Haven Vincent	S	Forest Grove
Boos, Laura Emma	S	Portland
Bump, Daniel Deronda	S	Forest Grove

Day, Laura Eva	C	Forest Grove
English, Annie Louise	S	Portland
Ferrin, Livia Ella	C	Forest Grove
Fletcher, Frank Marion	S	Forest Grove
Hall, William Arthur	S	Clatskanie
McKenzie, Frank William	S	Goldendale, Wn.
Prideaux, Arthur John	S	Portland
Rasmusen, William Beatty	L	Reedville
Shively, William Benton	S	Oregon City
Tichenor, Mary Estelle	S	Clatskanie
Thompson, James Garfield	S	Tualatin
Walker, Charles Lovell	S	Forest Grove
Wirtz, Willard Hermann	S	Forest Grove

SPECIAL.

Baker, Emerson	Greenville
Everson, Fred Leroy	Hillsboro
Hoge, Mabel Estelle	Forest Grove
Moseley, Ethel Belle	Ellsworth, Wn.
Mowry, George Oliver	Moro
Peel, Maie Versey	Portland
Sorensen, Anna	Forest Grove
White, Jean Millicent	Oregon City
Wirtz, Robert P.	Forest Grove

ACADEMY STUDENTS.

1902-1903.

THIRD YEAR.

Arnston, Herbert Hayes	C	Tacoma, Wn.
Baker, Daniel Miller	S	Forest Grove
Boldrick, Sarah Pamela	C	Forest Grove
Clapp, Frances Benton	C	Forest Grove
Clapp, Gordon Adams	C	Forest Grove
Connell, Hattie	S	Hillsboro
Fitch, Caroline Estella	C	Cornelius
Foster, Lora May	S	Forest Grove
Heidel, Minnie Esther	L	Hillsboro
Huston, Ella Blanche	S	Hillsboro
Hyde, Lillian Ella	S	Forest Grove
Irvin, Lilla Lydia	L	Aurora
Kirkwood, Robert James	S	Forest Grove
Luce, Henry Roy	S	Forest Grove
Montgomery, Myra Ione	C	Glendale
Peters, John William	S	Hillsboro
Philbrook, Joshua Minot	S	Sylvan, Wn.
Ruble, Eleipha	S	Hillsboro
Rueter, Katherine	S	Forest Grove
Rueter, Helen	S	Forest Grove
Scott, Catherine	S	Forest Grove
Sewell, Alice Eleanor	S	Hillsboro
Siegrist, Fred	S	Hillsboro
Silverman, Esther	L	Skamokawa, Wn.
Sparks, Hugh Walter	S	Forest Grove
Waterman, Virgil	S	Mitchell

SECOND YEAR.

Abernethy, Frances Mary	Dora
Baker, Dora Esther	Forest Grove
Barker, Jessie	Portland
Barrett, Ira Ellis	Hillsboro
Barrett, William Nathan	Hillsboro

Bates, Russell Gillette	Tacoma, Wn.
Blackford, Phyllis Mabel	Clatskanie
Brock, Selena Belle	Stella, Wn.
Brock, Laura Sophia	Stella, Wn.
Brown, Caroline Mae	Forest Grove
Chandler, Helen Willena	Forest Grove
Connell, Mary Grace	Hillsboro
Dixon, Ezra Stephen	Forest Grove
Gwynn, William Elisha	Hubbard
Hamilton, Edna Pearl	Forest Grove
Huston, Oliver Bruce	Hillsboro
Hyde, Ruby Nell	Forest Grove
Imlay, Robert Alexander	Reedville
James, Otis Oran	Forest Grove
Lancefield, Georgia Chastain	Amity
Leabo, Bertha Alice	Forest Grove
Park, Freida	Forest Grove
Payne, Frankie Eugenia	Albany
Peterson, Pearl Ethel	Forest Grove
Reeher, Grace Edith	Wilson
Smith, Bessie May	North Yamhill
Ward, James Richard	Catlin, Wn.

FIRST YEAR.

Archbold, Rachel Elizabeth	Hillsboro
Baker, Coral March	Greenville
Bear, Grace Alberta	Forest Grove
Boyd, James K.	Eufaula, Wn.
Brobst, John	Wilsonville
Brobst, Ellen	Wilsonville
Brown, David Coulter	Forest Grove
Brown, Clifford	Forest Grove
Brown, Gordon George	Forest Grove
Church, Gale Wilson	Forest Grove
Day, Harry	Forest Grove
Emmel, Mary Elizabeth	Scholls
Emmel, Nora Christina	Scholls
Faulkner, Wilbur Willis	Roseburg

Ferrin, Haskell Ela	Forest Grove
Fields, Villa Mae	Forest Grove
Gates, Harvey Waldo	Chehalis, Wn.
Gunning, Nora Ellen	White Salmon, Wn.
Hansen, Agnes Emily	Reedville
Hartley, Martha May	Banks
Hoge, Jessie Mary	Forest Grove
Holmes, Martha Fredrika	Farmington
Hoover, Charles Henry	Ostrander, Wn.
Humphreys, Harry Pembroke	Hillsboro
Ireland, Lester Clay	Greenville
Jackson, Kate	Forest Grove
James, Cornelia Elizabeth	Forest Grove
Johnson, Anna	Gales Creek
Johnson, Bertie Cordelia	Forest Grove
Kirkwood, Albert Allen	Forest Grove
Kreider, Harriet Elizabeth	Forest Grove
Lawrence, Samuel B.	Scholls
Luce, Ruth	Forest Grove
McCorkle, Frank	Lexington, Wn.
McNutt, Herbert Dale	Forest Grove
McPherson, Leroy	Forest Grove
Martin, Emma	Gaston
Merryman, Harold Comley	Hillsboro
Meyers, George Fred Herman	Forest Grove
Milne, Cleo Charles	Forest Grove
Moore, Jesse C.	Greenville
Morrison, Mary Edith	Sheridan
Moseley, Allan Roy	Ellsworth, Wn.
Reeher, George Arthur	Wilson
Robinson, Reginald	Hillsboro
Robinson, Alexander	Hillsboro
Sexton, Thomas Hogue	Forest Grove
Shannon, Henry McGee	Forest Grove
Shannon, Mary Katherine	Forest Grove
Shorb, Lena Grace	Forest Grove
Templeton, Maverne	Forest Grove
Thorne, Jennie Gurley	Hillsboro

Tongue, Florence	Hillsboro
Traver, Walter Ernest	Forest Grove
Vickers, William Baker	Cornelius
Whealdon, Clarence L.	Plainview
Williams, Mona Anita	Hillsboro
Wilson, Hiram Edwin	Portland
Wirtz, Mabel	Forest Grove

SUB-PREPARATORY.

Eagleson, Charles Wrightson	Champoeg
Evans, Robert Francis	Wasco
Garrison, Paul Ellison	Forest Grove
Hilts, Jonathan Urban	Greenville
Napier, John	Hilo, Hawaii
Park, Arthur Emile	Forest Grove
Parker, Viola Vivian	Greenville
Philbrook, George Warren	Sylvan, Wn.
Raffety, Avery Charles	Forest Grove
Waterhouse, Benjamin Ward	Gearhart
Wescott, Harry Joseph	Forest Grove

SPECIAL STUDENTS.

Brown, Alpha May	Forest Grove
Bryant, Annie Ardis	Clatskanie
Clutter, Arnold Dickerson	Tualatin
Cunningham, Emma Wavelle	Arlington
Dixon, Charles Elial	Forest Grove
Gilbert, Alfred Carlton	Portland
Harriman, Josephine Clare	Astoria
Harris, Bert Elvin	Tacoma, Wn.
Hoyt, Arah Beatrice	Hillsboro
Jackson, Vera Carolyn	Hood River
Jackson, Lura Frances	Hillsboro
La Follett, Charles Roy	Salem
Langley, Manche Irene	Forest Grove
Lawrence, Louie Leona	Scholls
Loomis, Oscar Benjamin	Forest Grove
Lund, Eva Marie	Montavilla
Lund, Clara Amelia	Montavilla

McFadden, Robert	Berkeley, Cal.
Markgraf, Charles Frank	Glenwood, Wn.
Mason, Claude	Boise, Idaho
Milne, Fred William	Forest Grove
Payne, Margaret Grace	Albany
Perry, Victor Franklin	Portland
Peterson, Rollie Ulysses	Forest Grove
Purdin, Edna Corinne	Forest Grove
Rogers, Anna Esther	Hillsdale
Spaulding, Gladys Sarah	Forest Grove
Staehr, Lydia	Forest Grove
Swanson, Lizzie	Forest Grove
Wilson, Una Pearl	Dufur

STUDENTS IN CONSERVATORY OF MUSIC.

Baber, Josephine	Forest Grove
Bailey, Mrs. A. B.	Hillsboro
Barrett, William Nathan	Hillsboro
Belknap, Mrs. L. F.	Forest Grove
Boscow, Estella Ruby	Hillsboro
Bradley, Charles Edward	Forest Grove
Bradley, Mrs. C. E.	Forest Grove
Brobst, Ellen	Wilsonville
Brock, Selena Belle	Stella, Wn.
Brock, Laura Sophia	Stella, Wn.
Buxton, Rena	Forest Grove
Buxton, Maud	Forest Grove
Caples, Oro Dell	Forest Grove
Chandler, Wilma Pearl	Forest Grove
Clapp, Frances Benton	Forest Grove
Clapp, Gordon Adams	Forest Grove
Clutter, Arnold Dickerson	Tualatin
Contriss, Florence	Forest Grove
Eagleson, Charles Wrightson	Champoeg
Fletcher, William Thomas	Forest Grove
Fletcher, Mrs. W. T.	Forest Grove
Gates, Mrs. O. B.	Hillsboro
Gates, Helen	Hillsboro

Gates, Harvey Waldo	Chehalis, Wn.
Harriman, Josephine Clare	Astoria
Haynes, Claire	Forest Grove
Hoffman, Mrs. N.	Forest Grove
Imbrie, Letitia	Hillsboro
Jackson, Vera Carolyn	Hood River
Kreider, Hettie Magdalene	Forest Grove
Lamkin, Charles	Hillsboro
Lancefield, Mrs. Lynn	Forest Grove
Lancefield, Jessie	Forest Grove
Lancefield, Georgia Chastain	Amity
Leabo, Bertha Alice	Forest Grove
Luce, Mary	Forest Grove
Luce, Helen	Forest Grove
McEldowney, Mrs. Wilbur	Forest Grove
McKinney, Susie	Hillsboro
Marsh, Gertrude	Forest Grove
Merryman, Alice	Hillsboro
Moseley, Ethel Belle	Ellsworth, Wn.
Newman, Mary	Gaston
Purdin, Cora Inez	Forest Grove
Sewell, Alice Eleanor	Hillsboro
Shannon, Maude Agnes	Forest Grove
Shannon, Mary Katherine	Forest Grove
Sloan, Jean	Forest Grove
Smith, Henry Dickinson	Forest Grove
Smith, Bessie May	North Yamhill
Sorensen, Anna	Forest Grove
Staehr, Marie	Forest Grove
Staehr, Lydia	Forest Grove
Tongue, Florence	Hillsboro
Via, Stella	Forest Grove
Waggener, Lura	Hillsboro
Waggener, Wilma	Hillsboro
Warren, Minnie	Hillsboro
Weatherred, Florence	Hillsboro
Wilson, Una Pearl	Dufur
Yoder, Harriet Jane	Forest Grove

SUMMARY OF STUDENTS.

College	48
Academy	153
Conservatory of Music	61
Total	262
Deduct number counted more than once	22
Total number of different students for the Academic year 1902-1903	240

PRIZES.

WINNERS OF TIBBALS PRIZES.

For 1903.

First prize.....Montrose Lanier Barnet
Second prize .....George Oliver Mowry
Third prize.....William Benton Shively

WINNERS OF THE CORBETT PRIZES.

For 1902.

ACADEMY DECLAMATION.

First prize.....William Arthur Hall
Second prize.....Tennessee Sumner Weatherred

CALCULUS.

First prize.....Fred Day
Second prize.....Cecil Humphreys, Melvin Markham

ALUMNI.

1863

Harvey W. Scott, A. M., Editor-in-Chief Oregonian	Portland

1866

Geo. H. Durham, A. M., Attorney-at-Law	Portland
Myron Eells, D. D. Congregational Clergyman	Twana, Wn.
Edward B. Watson, A. M., Attorney-at-Law	Portland

1867

John Q. A. Bowlby, A. M., Attorney-at-Law	Astoria
J. Elkanah Walker, A. M., D. D., Missionary, A. B. C. F. M.	Foochow, China
David Raffety, B. S., M. D., Physician	Portland

1868

Charles C. Hall, A. M., Farmer	Portland
Thomas H. Tongue, A. M., obit. 1903	Hillsboro

1869

Jacob Hoover, A. M., obit. 1898	Spokane, Wn.
Raleigh Stott, A. M., obit. 1901	Portland
Harriet (Hoover) Killin, M. S.	Portland

1870

Frank L. Stott, A. B., obit. 1873	Gaston
Addison A. Lindsley, A. B., Business	Pendleton
Georgiana (Brown) Bowlby, M. S.	Astoria
Phoebe Irene (Clark) Davis, M. S.	Portland
Candace A. (Neal) Luce, M. S.	Forest Grove

1872

Henry B. Luce, A. B., Farmer	Forest Grove

1873

Levi C. Walker, A. M., Surveyor	Forest Grove
William R. Bilyeu, B. S., Attorney-at-Law	Albany
W. D. Lyman, A. M., Professor of History and of the English Language and Literature, Whitman College	Walla Walla, Wn.
Mary (Goodell) Burt, M. S.	Yoncalla
Sarah I. Lyman, M. S.	Portland

1874

Eugene P. McCornack, A. B., Banker	Salem
Herbert F. McCornack, A. B., M. D., Postmaster	Eugene
Willard H. Latourette, B. S., Baptist General Missionary	McMinnville
Jacob G. Stevenson, B. S., Farmer	Eugene
Dora (Henshaw) Morgan, M. S.	Mohler, Wn.

1875

Hattie (Martin) Vestal, B. S.	Snohomish, Wn.
S. Belle (Putnam) Walker, M. S.	Forest Grove

1876

Edward M. Atkinson, A. B., Attorney-at-Law	Oregon City
Hatstara Tamura, A. M., Principal Female Seminary	Kioto, Japan
James T. Martin, B. S., (M. D., University Michigan, 1883), Physician	Sacramento, Cal.
Yei Nosea, A. M., obit. 1895	Tokio, Japan
Kin Saito, B. S., (LL. B., University Michigan, 1871), Chief Justice of the Court of Hokkaido	Hakodate, Japan
Ella (Watt) Jackson, M. S.	Portland

1877

William K. Curtis, B. S., Farmer	Forest Grove
Charles W. Schaff, B. S., M. D.	Lewiston, Idaho
Tabitha A. (Clark) Ebert, M. S.	Vancouver, Wn.

1878

Laura M. (Hoxter) Whalley, A. B.	Portland
DeWitt Clinton Latourette, A. M., Attorney-at-Law and Banker	Oregon City
Horace S. Lyman, A. M., Congregational Clergyman. Co. School Supt.	Astoria
Ella (Scott) Latourette, A. M.	Oregon City
Milton W. Smith, A. M., Attorney-at-Law	Portland
Mary A. (Cresswell) Eagen, M. S.	Freewater, Ore.
Mary S. Eaton, M. S., obit. 1882	Oswego
Elvia H. Fearnside, M. S., obit. 1879	Forest Grove
Mary F. (Lyman) McCoy, M. S.	Portland
Samuel R. Stott, B. S., Attorney-at-Law	Baker City

1879

William N. Barrett, B. S., Attorney-at-Law	Hillsboro
Frank M. Beckwith, B. S., Merchant	Mayview, Wn.

1880

Newton McCoy, A. B., Attorney-at-Law	Portland

1881

George W. Coplen, A. B., obit. 1898	Latah, Wn.
John T. Whalley, A. M., Attorney-at-Law	Portland
J. Alfred Watt, B. S., (M. D. Univ. of Michigan) Physician	Hood River

1882

Mitchell Gilliam, A. B., Attorney-at-Law, Corporation Attorney	Seattle, Wn.
Barnett Y. Roe, A. B., Postmaster	Dewey
Mary Virginia Keene, M. S., Teacher	Salem

1883

Napoleon Davis, A. M., Attorney-at-Law	Portland
Adelaide (Poppleton) Harding, A. B.	Portland
Anna Jackson, M. S., Teacher	Portland

1884

Joseph Beek, A. B.	Medford

1885

Marion C. Adams, A. B., Teacher	Nez Perces, Idaho
Margaret J. (Macrum) Byrd, M. S.	Salem
Silas M. Shipley, B. S. (LL. B., University Oregon, 1888), Attorney-at-Law	Seattle, Wn.

1886

James R. Marsh, A. B., Farmer	Molalla
J. Wheelock Marsh, A. B., Bookkeeper	Portland
Laura (Marsh) Cadwell, M. S., obit. 1901	Forest Grove

1887

William D. Wood, A. B., (M. D., University Michigan, 1890), Physician	Hillsboro
Callie (Campbell) Montgomery, M. S.	Glendale
Mary Gray, M. S., obit. 1890	Portland
Ethel Gray, M. S., M. D. (University of Oregon, 1899)	Portland
Nellie (Woods) Adams, M. S.	Forest Grove
J. C. Clark, B. S., Photographer	San Bernardino, Cal.

1888

Estella S. Porter, A. B., obit. 1889	Forest Grove
Fred N. Hallett, B. S., Merchant	Lewiston, Idaho
Frank Hinman, B. S.	Forest Grove
William P. Marsh, B. S. (A. B., U. Vt., 1895), with Mason & Hamlin	Cambridgeport,Mass
John U. Smith, B. S. (LL. B., University Oregon, 1890), Attorney-at-Law	Hilo, Hawaii

1889

Mattie E. (Koontz) Smith, B. S.	Hilo, Hawaii
Sidney E. Marsh, A. B., obit. 1890	Port Townsend,Wn.
Clay McNamee, B. S., Attorney-at-Law	Grangeville, Idaho

1890

William S. Macrum, A. B. (LL. B., Univ. of Oregon, 1897), Bank Teller	Portland
Gustaf Walter Nelson, A. B., Congregational Clergyman	Albany
Mary Ellen Lee, M. S., Teacher	New Whatcom, Wn.
Alexander C. Alexander, Farmer	Forest Grove
Lafayette Lincoln Bush, B. S., Merchant	Bay Center, Wn.

1891

William A. Bates, B. S., Bookkeeper	Corvallis
Margaret Hinman, B. L., Bookkeeper	Forest Grove
John S. Hodgin, B. S., Attorney-at-Law	Enterprise
John A. Lee, A. B., Teacher	New Whatcom, Wn.
Mary E. (Patton) Snider, A. B.	Cloverdale, Cal.
Asa B. Snider, A. B., Pacific Theological Seminary, Congregational Clergyman	Cloverdale, Cal.

1892

William A. Bond, B. S.	Chehalis, Wn.
Jesse R. Caples, B. S., Merchant	Forest Grove
Ernest E. Merges, B. L., Attorney-at-Law	Portland
Edward L. Naylor, B. L., Real Estate	Forest Grove
Pem Patton, B. S., Farmer	Gaston

1893

E. Austin Bond, A. B., Teacher	Chehalis, Wn.
Nancy B. (Morrison) Thomas, B. L.	Shelburne
Horace D. Stewart, A. B., Business	Dayville
Loring V. Stewart, A. B., LL. B. and M. L. (Yale), Business	Dayville
Dwight H. Thomas, B. S., Farmer	Shelburne
Edith L. (Tongue) Reames, B. L.	Jacksonville

1894

Thomas Hayes Adams, A. M., Merchant	Forest Grove
Austin Craig, B. L., Printer	Portland
Fred Ross Smith, A. B., Merchant	Sheridan, Wyo.

1895

Florence McKercher, A. B., obit, 1898	Portland
William S. Shiach, A. B., Law Student	Colfax, Wn.

1896

Ruel M. Bisbee, B. S., Farmer	Forest Grove
Ida M. Eells, A. B., Teacher	Tacoma, Wn.
M. Catherine (Lansing) Robertson, A. B.	Forest Grove
John W. Macrum, B. S., Civil Engineer	Astoria
Emma E. (Stewart) Bradley, A. B.	Forest Grove

1897

Philip E. Bauer, B. S., Chicago Theo. Seminary, Congregational Clergyman	Stanton, Mich.
Charles E. Bradley, M. S., Professor Chemistry in T. A. and P. U.	Forest Grove
Harvey H. Hartley, A. M. (M. D., Univ. of Oregon, 1900), Physician	Goldendale, Wn.

1898

Homer C. Atwell, A. B., Postmaster	Forest Grove
Lorena Gleason, B. L., Teacher	Olympia, Wn.
Joseph E. Kirkwood, A. B., Instructor in Botany, Syracuse University	Syracuse, N. Y.
Frederick L. Marsh, A. B., Dental Student	Portland
John Miller, A. B., Theol. Student	Andover, Mass.

1899

Liberta Brown, A. B., Student	New York City
Blanche L. (Garrison) Bauer, B. L.	Stanton, Mich.
George L. Haskell, B. S., Business	Canton, Ohio
Minnie May (Lieser) Fletcher, A. B.	Forest Grove
Lois West (Parker) Myers, A. B.	Portland
Horace M. Ramsey, A. B., Instructor Semitic Languages, Theo. Sem.	New York City
Beulah Warner, A. B., Student	Berkeley
Tacy (Wilkinson) Atkinson, B. L., Missionary, A. B. C. F. M.	Turkey

1900

Vinson Evan Boardman, B. L., Teacher	Mitchell
William Thomas Fletcher, B. S., Instructor T. A. and P. U.	Forest Grove
Lynn Lancefield, B. L., Clerk	Forest Grove
Jessie Lancefield, A. B., Instructor Tualatin Academy	Forest Grove
Winifred Marsh, B. L., Student	Northampton, Mass.
Ella Sabena Mason, B. L., Teacher	Portland
Alfred Deihl Schoch, B. S., Student	Ann Arbor, Mich.
James Wesley Shiach, A. B.	Seattle, Wn.
Thomas H. Tongue, Jr., B. L., Law Student	Washington, D. C.
Jeremiah Walker, B. L., Business	Axford, Wn.

1901

Archibald Anand Atkinson, A. B., Medical Student	San Francisco
Lora Fern (Butler) Conn, B. L.	Lakeview
Rose Jane Long, B. L., Teacher	Port Orford
Gertrude Emily Marsh, B. L.	Forest Grove
Alfred Myron North, B. S., Teacher	North Yamhill
Fern Frances Stout, A. B., Teacher	Dayton
Mildred Mary Tibbals, A. B., Student	Wellesley, Mass.
Elda Rema Walker, A. B., Teacher	Snohomish, Wn.
Leva Belle Walker, A. B., Teacher	Puyallup, Wn.

1902

Walter A. Dimick, B. S., Business	Portland
Richard Walter Faulkner, B. S., Business	Portland
Vesta Muzella Lewis, A. B., Teacher	Clatskanie
Abel Meresse, B. S., Printer	Forest Grove
Harold Burr Millis, B. S., Business	Portland
Harriet Eva Scholfield, B. L.	Cornelius
Arthur Elias Yoder, B. S., Student P. U.	Forest Grove

OFFICERS OF THE ASSOCIATE ALUMNI.

PRESIDENT.

Milton W. Smith, '78 ..... Portland

VICE-PRESIDENT.

William T. Fletcher, 1900 ..... Forest Grove

SECRETARY AND TREASURER.

Mrs. J. R. Robertson, '96 ..... Forest Grove

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